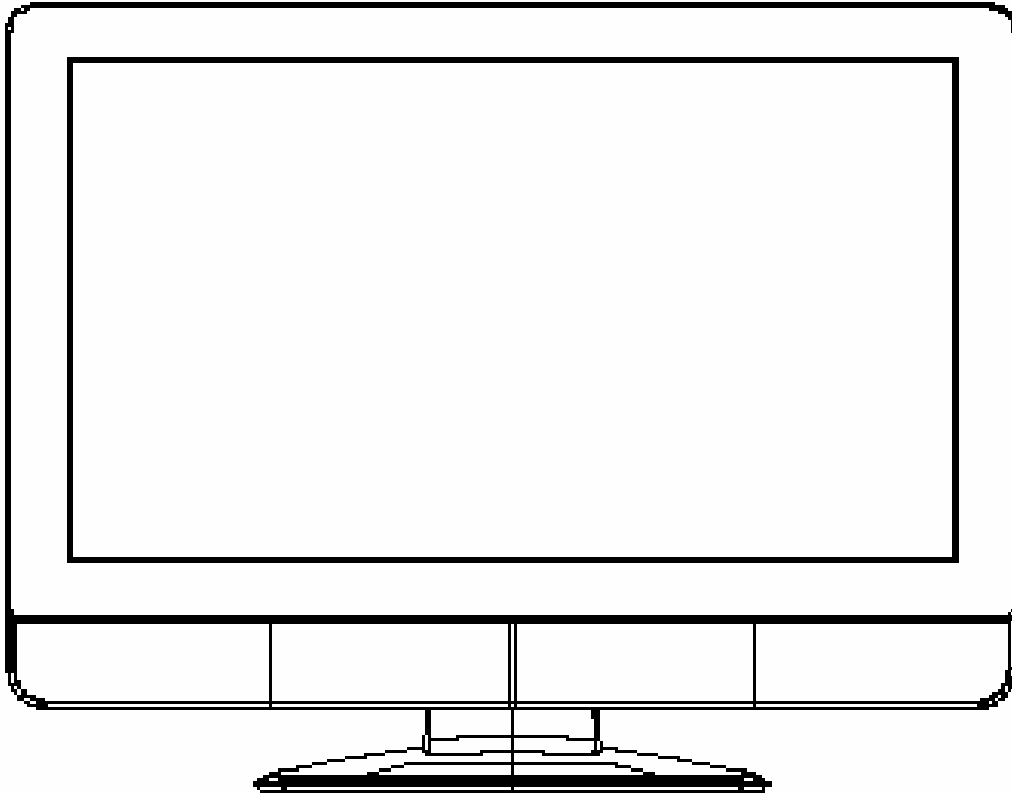


Service Manual



Model #: VIZIO VP505XVT1A_
Panasonic

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Top Confidential

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Appendix

1. Main Board Circuit Diagram
 2. Main Board PCB Layout
 3. Assembly Explosion Drawing
- Block Diagram

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FCC INFORMATION

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause unacceptable interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures -- reorient or relocate the receiving antenna; increase the separation between equipment and receiver; or connect the into an outlet on a circuit different from that to which the receiver is connected.

FCC WARNING

To assure continued FCC compliance, the user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications to Amtrak products will void the user's authority to operate this device. Thus VINC Will not be held responsible for the product and its safety.

CE CERTIFICATION

This device complies with the requirements of the EEC directive 89/336/EEC with regard to "Electromagnetic compatibility."

SAFETY CAUTION

Use a power cable that is properly grounded. Always use the AC cords as follows – USA (UL); Canada (CSA); Germany (VDE); Switzerland (SEV); Britain (BASEC/BS); Japan (Electric Appliance Control Act); or an AC cord that meets the local safety standards.

Chapter 1 Features

1. Built in TV channel selector for TV viewing.
2. Simultaneous display of PC and TV images.
3. Connectable to PC's analog RGB port.
4. Built in S-video, HDTV, Composite video, HDMI and TV in.
5. Built in auto adjust function for automatic adjustment of screen display.
6. Power saving to reduce consumption power to less than 1W.
7. On Screen Display: user can define display mode (i.e. color, brightness, contrast, sharpness), sound setting, TV channel program, aspect and reset all setting.
8. Support USB interface in order to software update.

Chapter 2 Specification

2.1 General Description

Model No.	VIZIO VP505XVT1A
Product Name	VP505XVT1A
Panel	Panasonic MD-50F11NJA
Display Pixels	1920 (H) x 1080 (V)
Active Display Area (mm)	1105.92 (H) x 622.08 (V)
Aspect Ratio	16:9
Color Depth	10 bit, 1073.7M
Luminance of Full White (panel spec., cd/m²)	100(min) 140(typical) (Full screen white)
Luminance of Full White (TV set spec., cd/m²)	33(minimum) 46(typical) 63(maximum) (Full screen white, Glass Filter transmittance 38±5%) (Condition) • HDMI input : Astro 859C • Input Resolution: 1920x1080p • Vertical frequency (fv): 60Hz • Room temperature: 25°C • OSD setting BRIGHTNESS=50 CONTRAST=53 Tint=0 Sharpness=4 Color Temp: Custom R=G=B=255 Offset R=G=B=128
Contrast Ratio (Typical, panel spec.)	30000:1 (In dark room 1/100 White window pattern at center)
TV system	NTSC /ATSC/QAM

PC Inputs	15pins D-sub
Video Inputs	1x RF (Combo, F Connector for internal NTSC /ATSC/QAM Tuner)
	4x HDMI with HDCP plus Stereo Analog Audio
	1x Component YPbPr plus Stereo Audio
	1x Composite Video plus Stereo Audio
	1x S-Video plus Stereo Audio
	1x Analog RGB
Audio Input	3 x Stereo RCA Jack (R/L)
	1x PC mini jack
Audio Outputs	1x SPDIF Digital Audio (Optical)
	1x Stereo Analog Audio RCA Jack (R/L)
Service Port	2x RJ11 Service Port
	1x USB Service Port
Audio Speaker	10 W x 2
Power Input	100 to 240 VAC
Power Consumption	700 W Max
EDID version	VGA – 1.3
	HDMI – 1.3
Preset Modes (mm)	Primary 1920 (H) x 1080 (V) @ 60Hz.

2.2 PANEL SPEC

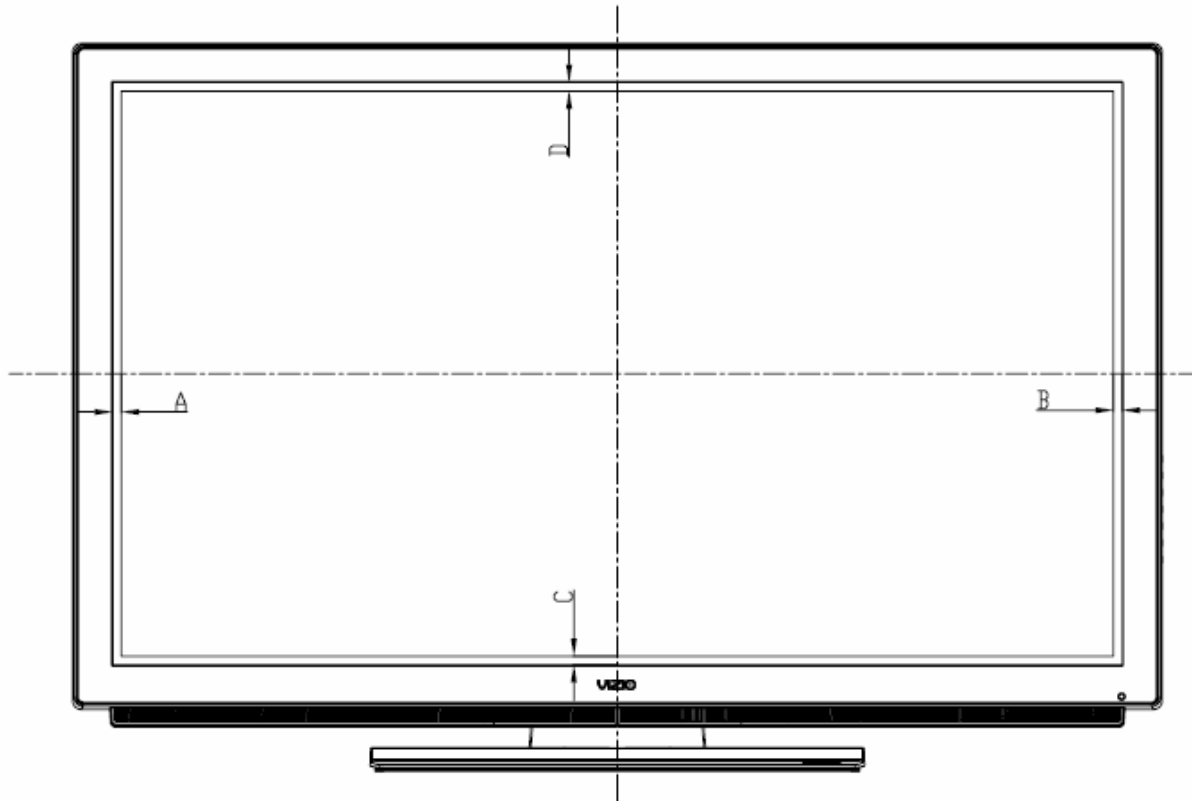
Item	Specification
Panel	Panasonic 50F11NJA
Display Pixel	1920 (H) x 1080 (V)
Active Display Area (mm)	1105.92 (H) x 622.08 (V)
Color Depth	10 bit, 1073.7M colors
Pixel Pitch (mm)	0.576 x 0. 576
Luminance of Full White (panel spec., cd/m²)	100(min) 140(typical) (Full screen white, Measure display center)
Dark room Contrast ratio	30000:1 (0.02lx or less)
Bright room Contrast ratio	160 : 1 (100lx)
Chromaticity of Full White	x : 0.274 y : 0.263(minimum) x : 0.304 y : 0.293(typical) x : 0.334 y : 0.323(maximum)

Remark: All characteristics are measured at least 30 minutes later after power-on in the normal ambient temperature

2.3 POWER SUPPLY

- | | |
|----------------------|----------------------------|
| a. Input voltage | 100-240Vac, 50/60Hz |
| b. Power consumption | 700 W (Max) |
| c. Input current | 7.0A (Max) at AC 100V/60Hz |
| d. Standby/Power off | 1 W (Max) at 120 VAC |

2.4 Mechanical and Packaging Specifications



2.4.1 MECHANICAL SPECIFICATION

Gap allowance between bezel & panel surface

$$\text{Gap} \leq 2 \text{ mm}$$

Tilt angle:

$$89 \leq A \leq 91$$

Panel disposition tolerance

$$| A | \geq 0 \text{ mm}$$

$$| B | \geq 0 \text{ mm}$$

$$| C | \geq 0 \text{ mm}$$

$$| D | \geq 0 \text{ mm}$$

2.4.2 OUTLINE DIMENSION

Physical dimension

(Unit: mm)

	Display Module	Display Module + Base
Height	773.1	823.4
Width	1233.8	1233.8
Depth	94.2	259.8

Weight

Net	43.5 ±0.5 kg
Gross	52.0 ±1.0 kg

Material, color

Front bezel	ABS(94-HB), Black T52013
Rear cover	Metal(SGCC), T=0.8mm, Black
Base	ABS(94-HB), Black T52013
SPK Rear Cover	ABS(94-HB), Panton-877C

Wall-mounting

Screw size:	M8* PITCH 1.25mm
Screw Q'ty:	4 pcs
Mounting hole pitch:	600 (H), 200 (V) (mm)

2.4.3 PACKAGING SPECIFICATION

Packaged dimensions

Height	960 ±10 mm
Width	1400 ±10mm
Depth	380 ±10 mm

Pallet Load

Sea 6 units / pallet

Container Load

40' high container: 96 units (= 6 x 36 pallets)

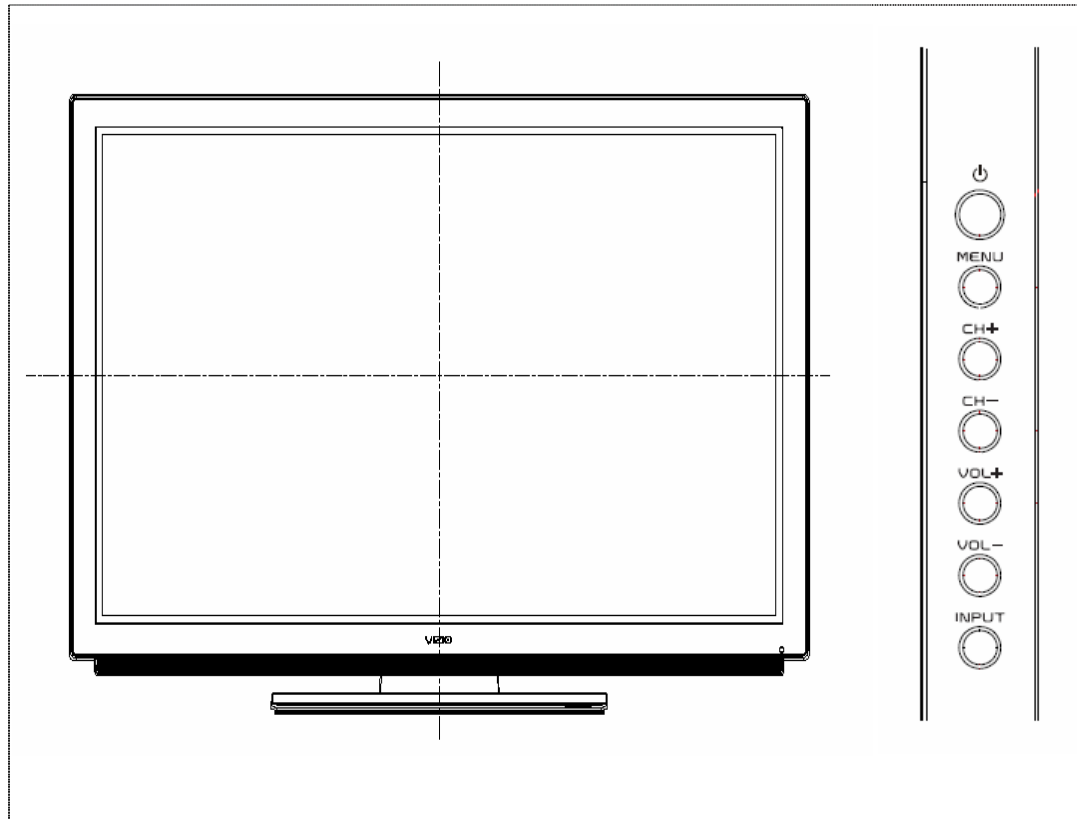
2.4.4 ACCESSORIES

- a. 1.8M HDMI Cable x 1
- b. 1.8M Power Cord 110V UL/CSA Black x 1
- c. VIZIO Universal Remote Control VUR8P x 1
- d. User's Manual x 1
- e. Quick Start Guide x 1*
- f. Registration card x 1
- g. Service Brochure x 1*
- h. AA batteries x 2
- i. D size Polishing Cloth x 1
- j. Safety Strap x 1
- k. Product Warranty & Repair sheet x 1

2.4.5 External Control Panel & Indicators

<Front>

<Side>



2.4.6 LED INDICATOR DISPLAY ON THE FRONT

LED indicator	Status	Remark
Off	power off	by disconnecting the power cord
White	Power on	Becoming dimmer after lighting up a few seconds
Orange	Standby/Power Off	Becoming dimmer after lighting up a few seconds

2.4.7 SPECIFICATION AND EXPLANATION OF USER CONTROL PANEL ON THE SIDE

Buttons	1	2	3	4	5	6	7
Name		MENU	CH+	CH-	VOL+	VOL-	INPUT

Standby/power on

After AC on by plugging in a power cord and pressing Power button, LED indicator turns to white to indicate power on. To turn off this device, press this button again.

Menu operation

Press MENU button to activate the OSD. Press this button again to exit.

Channel selection

By operating the CH+ and CH- buttons, channel should be selected. At the time, channel should increase with CH+ button and decrease with CH- button. When the "MENU" is activated, it can be navigated up by CH+ button and down by CH- button.

Volume Adjustment

By operating the VOL+ and VOL- buttons, volume should be available to change from minimum to maximum. At the time, volume should increase with VOL+ button and decrease with VOL- button, and volume shift should be smooth.

When the OSD is activated, it can be navigated left and right by operating these two buttons.

Input Change/Confirmation

This button allows the user to select the input sources in the following sequence: TV, AV (S-Video), AV (Composite), Component 1, RGB, HDMI 1, HDMI 2, HDMI 3, HDMI 4.

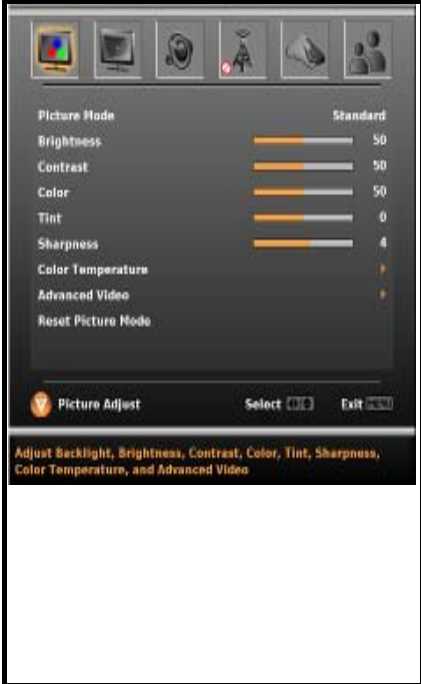
When the OSD is activated, the option can be confirmed pressing this button.

Chapter 3 On Screen Display

3.1 MAIN UNIT BUTTON

- (1). POWER 
- (2). MENU
- (3). CH +
- (4). CH -
- (5). VOL +
- (6). VOL -
- (7). INPUT (TV Source on Screen Display)

3.2 Operation Menu

AV	
	A. PICTURE ADJUST : a. PICTURE MODE (STANDARD/MOVIE/ GAME/SPORTS/CUSTOM) b. BRIGHTNESS (0~100) c. CONTRAST (0~100) d. COLOR (0~100) e. TINT (-32~+32) f. SHARPNESS (0~7) g. COLOR TEMPERATURE (COOL/NORMAL/ WARM/CUSTOM) h. ADVANCED VIDEO i. RESET PICTURE MODE

	B. SCREEN ADJUST : - WIDE MODE (STANDARD/FULL SCREEN/ CROP/PANORAMIC) - OVERSCAN (OFF/LOW/MIDDLE/HIGH)
	C. AUDIO ADJUST : - VOLUME (0~100) - BASS (0~100) - TREBLE (0~100) - BALANCE (0~100) - SRS TSHD (OFF/ON) - SPEAKERS (OFF/ON)
	D. SPECIAL FEATURES : - LANGUAGE (ENGLISH/FRANCAIS/ ESPANOL) - SLEEP TIMER (OFF/30MIN/60MIN/90MIN/ 120MIN) - ANALOG CC (OFF/CC1~4) - MAIN INPUT (TV/AV(S-VIDEO)/AV (COMPOSITE)/COMPONENT/RGB/HD MI1 /HDMI2/HDMI3/HDMI4) - IMAGE CLEANER - RESET ALL SETTINGS

	E. PARENTAL CONTROL : - PARENTAL LOCK ENABLE (OFF/ON) - TV RATING - MOVIE RATING - BLOCK UNRATED TV (OFF/ON) - ACCESS CODE EDIT
	F. ADVANCED VIDEO : - NR-Temporal (OFF/LOW/MEDIUM/STRONG) - NR-MPEG (OFF/LOW/MEDIUM/STRONG) - FILM MODE (AUTO/VIDEO/FILM) - CTI (OFF/LOW/STRONG) - FLESH TONE (OFF/ON) - ADAPTIVE LUMA (OFF/ON)
COMPONENT	
	A. PICTURE ADJUST : - PICTURE MODE (STANDARD/ MOVIE/ GAME/SPORTS/CUSTOM) - BRIGHTNESS (0~100) - CONTRAST (0~100) - COLOR (0~100) - TINT (-32~+32) - SHARPNESS (0~7) - COLOR TEMPERATURE (COOL/NORMAL WARM/CUSTOM) - ADVANCED VIDEO - RESET PICTURE MODE

	B. SCREEN ADJUST : - WIDE MODE (STANDARD/FULL SCREEN/ CROP/PANORAMIC) - HORIZONTAL POSITION - VERTICAL POSITION - CLOCK - PHASE - OVERSCAN (OFF/LOW/MIDDLE/HIGH)
	C. AUDIO ADJUST : - VOLUME (0~100) - BASS (0~100) - TREBLE (0~100) - BALANCE (0~100) - SRS TSHD (OFF/ON) - SPEAKERS (OFF/ON)
	D. SPECIAL FEATURES : - LANGUAGE (ENGLISH/FRANCAIS/ ESPANOL) - SLEEP TIMER (OFF/30MIN/60MIN/90MIN/ 120MIN) - ANALOG CC (OFF/CC1~4) - MAIN INPUT (TV/AV(S-VIDEO)/AV (COMPOSITE)/COMPONENT/RGB/HD MI1 /HDMI2/HDMI3/HDMI4) - IMAGE CLEANER - RESET ALL SETTINGS

	E. ADVANCED VIDEO : - NR-TEMPORAL (OFF/LOW/MEDIUM/STRONG) - NR-MPEG (OFF/LOW/MEDIUM/STRONG) - FILM MODE (AUTO/VIDEO/FILM) - CTI (OFF/LOW/STRONG) - FLESH TONE (OFF/ON) - ADAPTIVE LUMA (OFF/ON)
HDMI	
	A. PICTURE ADJUST : - PICTURE MODE (STANDARD/MOVIE/GAME/SPORTS/CUSTOM) - BRIGHTNESS (0~100) - CONTRAST (0~100) - COLOR (0~100) - TINT (-32~+32) - SHARPNESS (0~7) - COLOR TEMPERATURE (COOL/NORMAL/WARM/CUSTOM) - ADVANCED VIDEO - RESET PICTURE MODE



B. SCREEN ADJUST :

- a. OVERSCAN (OFF/LOW/MIDDLE/HIGH)



C. AUDIO ADJUST :

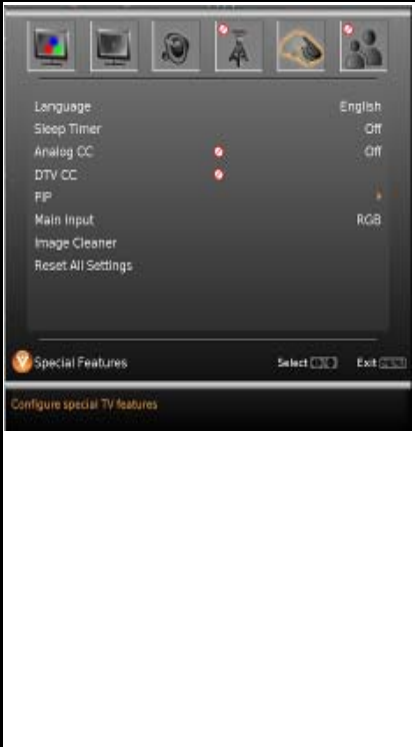
- a. VOLUME (0~100)
- b. BASS (0~100)
- c. TREBLE (0~100)
- d. BALANCE (0~100)
- e. SRS TSHD (OFF/ON)
- f. SPEAKERS (OFF/ON)



D. SPECIAL ADJUST :

- a. LANGUAGE (ENGLISH/FRANCAIS/ESPANOL)
- b. SLEEP TIMER
(OFF/30MIN/60MIN/90MIN/120MIN)
- c. MAIN INPUT(TV/AV(S-VIDEO)/AV
(COMPOSITE)/COMPONENT/RGB/HD
MI1
/HDMI2/HDMI3/HDMI4
- d. IMAGE CLEANER
- e. RESET ALL SETTINGS

	E. ADVANCED VIDEO : - CTI (OFF/LOW/STRONG) - FLESH TONE (OFF/ON) - ADAPTIVE LUMA (OFF/ON)
RGB MODE	
	A. PICTURE ADJUST : - BRIGHTNESS (0~100) - CONTRAST (0~100) - COLOR (0~100) - TINT (-32~+32) - SHARPNESS(0~7) - COLOR TEMPERATURE (COOL/NORMAL /WARM/CUSTOM) - ADVANCED VIDEO - RESET PICTURE MODE
	B. SCREEN ADJUST : - AUTO ADJUST - WIDE MODE (STANDARD/FULL SCREEN/ CROP/PANORAMIC) - HORIZONTAL POSITION - VERTICAL POSITION - CLOCK - PHASE

	C. AUDIO ADJUST : - VOLUME (0~100) - BASS (0~100) - TREBLE (0~100) - BALANCE (0~100) - SRS TSHD (OFF/ON) - SPEAKERS (OFF/ON)
	D. SPECIAL ADJUST : - LANGUAGE (ENGLISH/FRANCAIS/ESPANOL) - SLEEP TIMER (OFF/30MIN/60MIN/90MIN/120MIN) - MAIN INPUT (TV/AV(S-VIDEO)/AV (COMPOSITE)/COMPONENT/RGB/HD MI1 /HDMI2/HDMI3/HDMI4) - IMAGE CLEANER - RESET ALL SETTINGS
	E. ADVANCED VIDEO : - CTI (OFF/LOW/STRONG) - FLESH TONE (OFF/ON) - ADAPTIVE LUMA (OFF/ON)
TV MODE	

	A. PICTURE ADJUST : (DTV & ATV) a. PICTURE MODE (STANDARD/MOVIE/ GAME/SPORTS/CUSTOM) b. BRIGHTNESS (0~100) c. CONTRAST (0~100) d. COLOR (0~100) e. TINT (-32~+32) f. SHARPNESS (0~7) g. COLOR TEMPERATURE (COOL/NORMAL /WARM/CUSTOM) h. ADVANCED VIDEO i. RESET PICTURE MODE
	B. SCREEN ADJUST : (ATV ONLY) a. WIDE MODE(STANDARD/FULL SCREEN/ CROP/PANORAMIC) b. OVERSCAN (OFF/LOW/MIDDLE/HIGH)
	C. AUDIO ADJUST : (DTV & ATV) a. VOLUME (0~100) b. BASS (0~100) c. TREBLE (0~100) d. BALANCE (0~100) e. SRS TSHD (OFF/ON) f. SPEAKERS (OFF/ON)

	D. TV TUNER SETUP : (DTV ONLY) - TUNER MODE(ANTENNA/CABLE) - AUTO SEARCH - SKIP CHANNEL - DTV TUNER SETUP
	D. TV TUNER SETUP : (ATV ONLY) - TUNER MODE(ANTENNA/CABLE) - AUTO SEARCH - SKIP CHANNEL
	E. SPECIAL FEATURES : (DTV ONLY) - LANGUAGE (ENGLISH/FRANCAIS/ESPANOL) - SLEEP TIMER (OFF/30MIN/60MIN/90MIN/120MIN) - ANALOG CC (OFF/CC1~4) - DTV CC - MAIN INPUT (TV/AV(S-VIDEO)/AV (COMPOSITE)/COMPONENT/RGB/HD MI1/HDMI2/HDMI3/HDMI4) - IMAGE CLEANER - RESET ALL SETTINGS
	E. SPECIAL FEATURES : (ATV ONLY) LANGUAGE (ENGLISH/FRANCAIS/

	ESPAÑOL) b. SLEEP (OFF/30MIN/60MIN/90MIN/ 120MIN) c. ANALOG CC (OFF/CC1~4) d. MAIN INPUT (TV/AV(S-VIDEO)/AV (COMPOSITE)/COMPONENT/RGB/HD MI1/HDMI2/HDMI3/HDMI4 e. IMAGE CLEANER f. RESET ALL SETTINGS
	F. PARENTAL CONTROL : (DTV ONLY) a. PARENTAL LOCK ENABLE (ON/OFF) b. DTV PARENTAL CONTROL (CHANNEL BLOCK) c. TV RATING d. MOVIE RATING e. BLOCK UNRATED TV (OFF/ON) f. ACCESS CODE EDIT
	F. PARENTAL CONTROL : (ATV ONLY) a. PARENTAL LOCK ENABLE (ON/OFF) b. TV RATING c. MOVIE RATING d. BLOCK UNRATED TV (OFF/ON) e. ACCESS CODE EDIT

	G. ADVANCED VIDEO : (DTV ONLY) - FILM MODE (AUTO/VIDEO/FILM) - CTI (OFF/LOW/STRONG) - FLESH TONE (OFF/ON) - ADAPTIVE LUMA (OFF/ON)
	G. ADVANCED VIDEO : (ATV ONLY) - NR-TEMPORAL (OFF/LOW/MEDIUM/STRONG) - NR-MPEG (OFF/LOW/MEDIUM/STRONG) - FILM MODE (AUTO/VIDEO/FILM) - CTI (OFF/LOW/STRONG) - FLESH TONE (OFF/ON) - ADAPTIVE LUMA (OFF/ON)
	H. DTV TUNER SETUP : (DTV ONLY) - TIME ZONE(HAWAII/EASTERN TIME/INDIANA/CENTRAL TIME/MOUNTAIN TIME/ARIZONA/PACIFIC TIME/ALASKA) - DIGITAL ADUIO OUT(OFF/DOLBY DIGITAL/PCM)



I. DTV CC : (DTV ONLY)

- a. ANALOG CLOSED CAPTION (OFF/CC1~4)
- b. DIGITAL CLOSED CAPTION(OFF/SERVICE1~6)
- c. DIGITAL CAPTION STYLE
(AS BROADCASTER/CUSTOM)

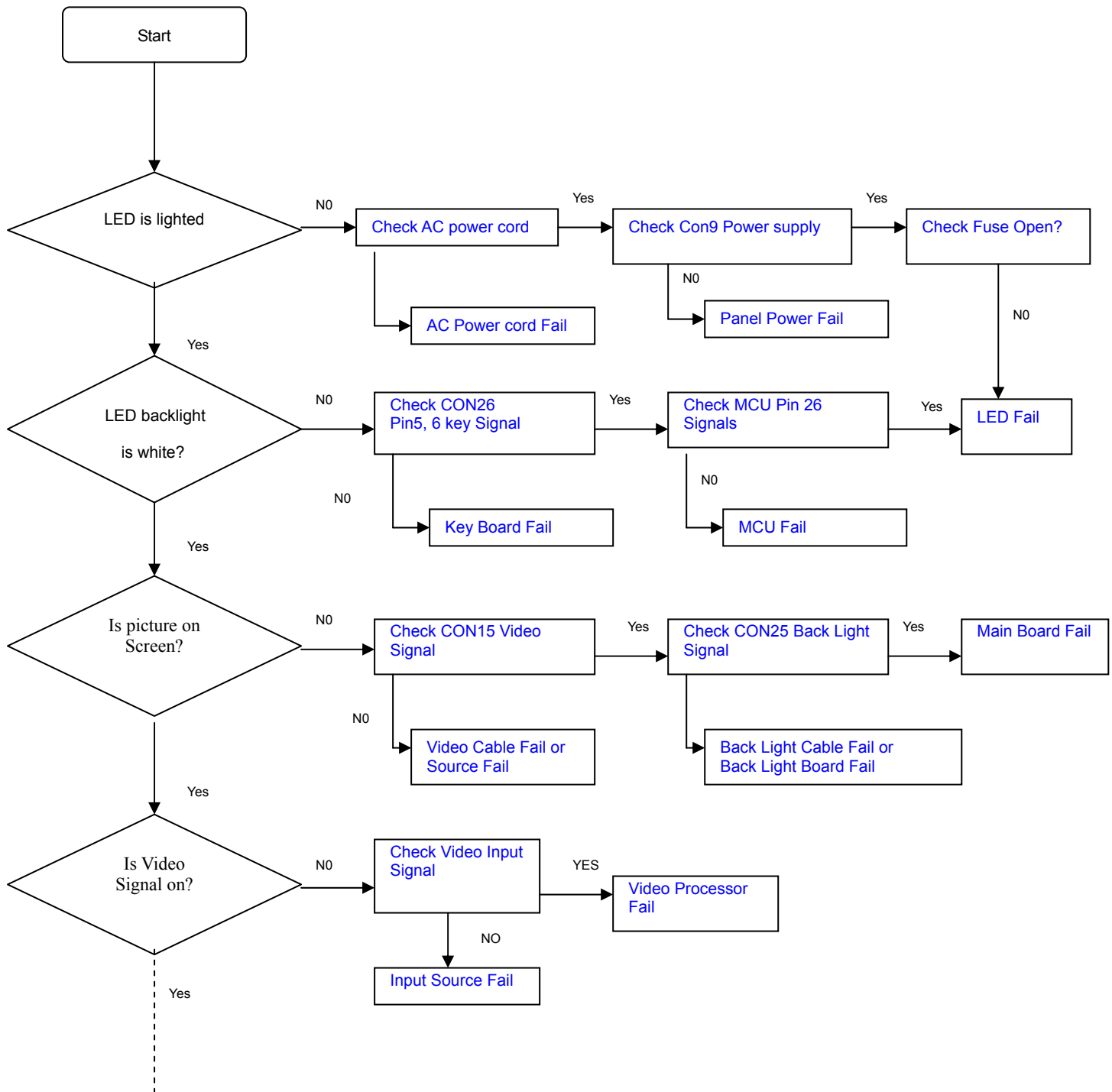
3.3 PIP TABLE

Main\PIP	TV	AV/S	VGA	YPrPb1	HDMI1	HDMI2	HDMI3	HDMI4
TV			V	V	V	V		
AV/S			V	V	V	V		
VGA	V	V					V	V
YPrPb1	V	V					V	V
HDMI1	V	V					V	V
HDMI2	V	V					V	V
HDMI3			V	V	V	V		
HDMI4			V	V	V	V		

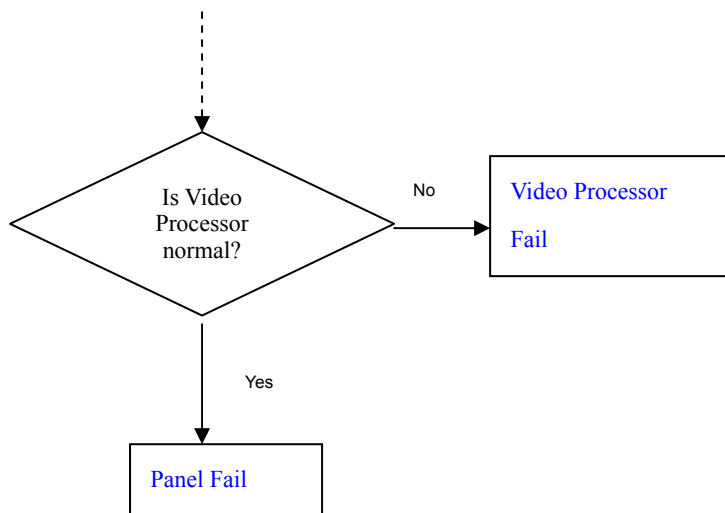
Remark (1): “✓” – Indicates which inputs are available for PIP and POP modes.

Chapter 10 Trouble shooting

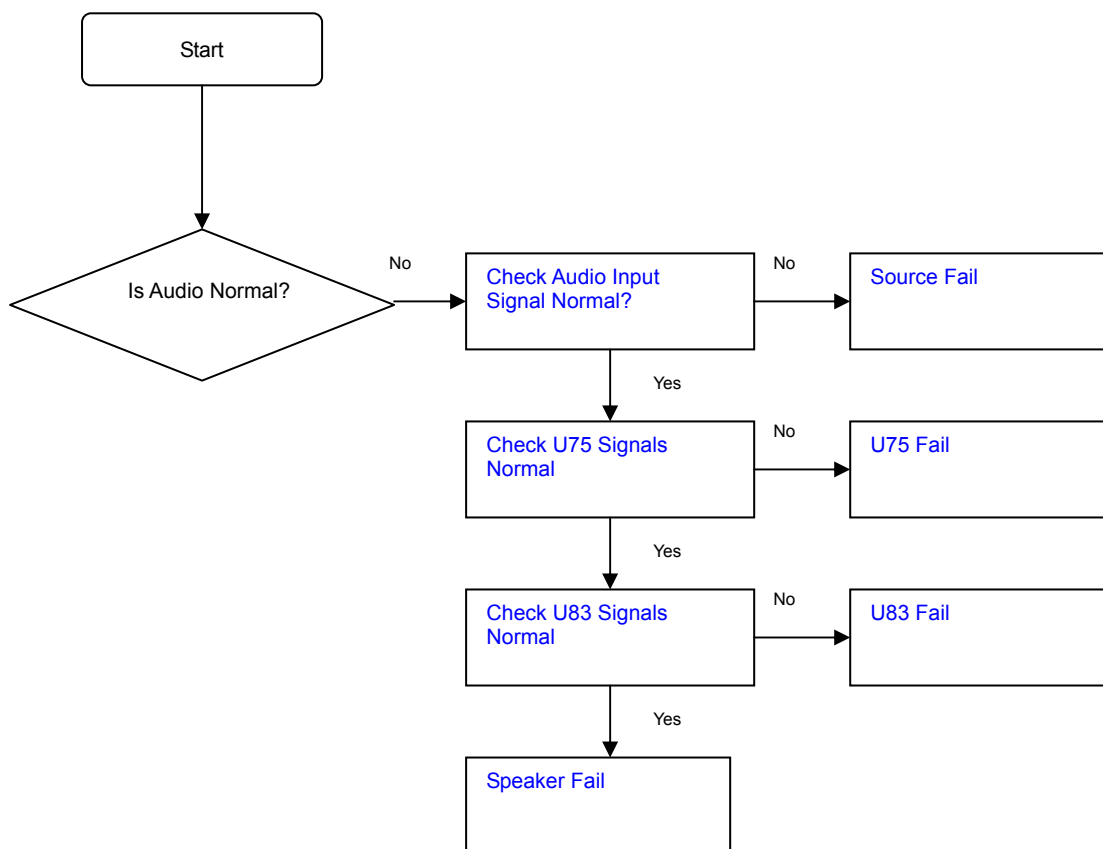
MONITOR DISPLAY NOTHING (ANY MODE)



Continue Forward Page



AUDIO NO SOUND (ANY MODE)



FIRMWARE UPGRADE

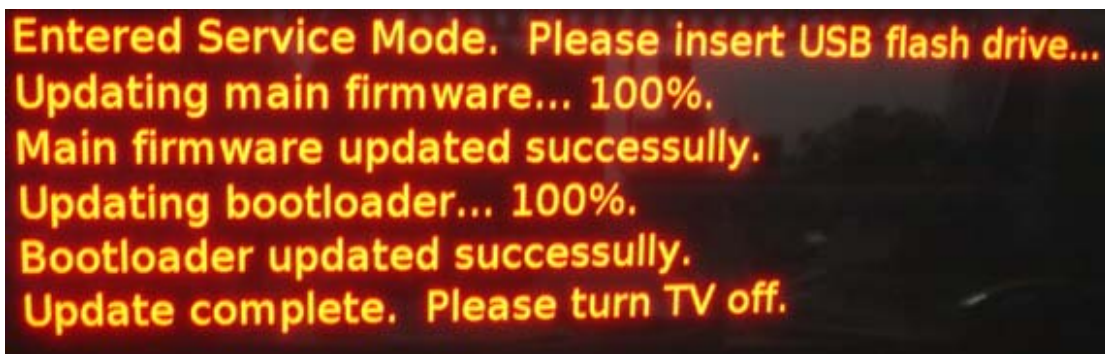
1. When Input USB disk in USB port, please download new firmware and make sure Power off.



2. Push down MENU button then press POWER button immediately after release it.

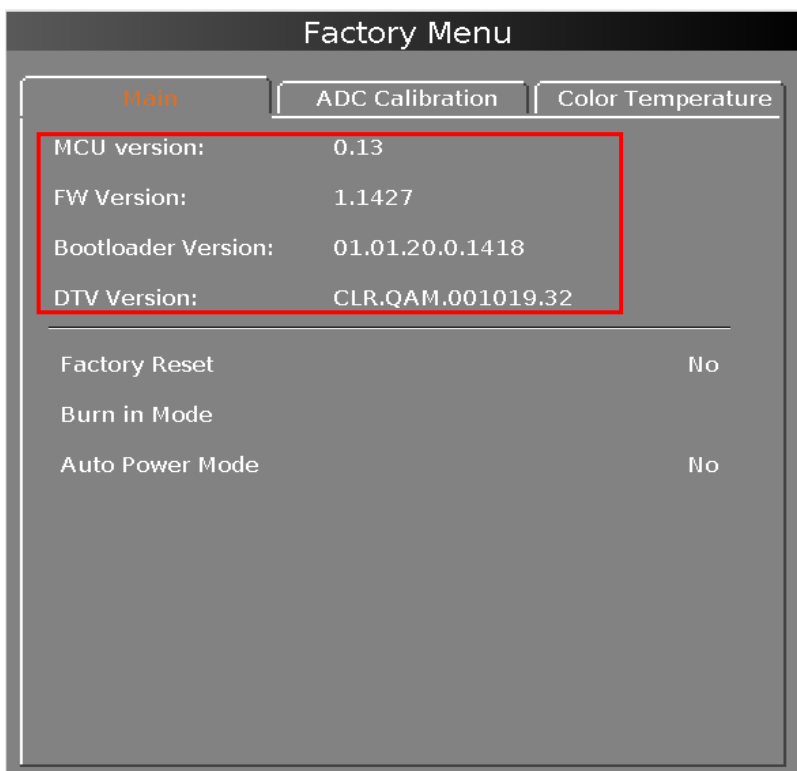


-
3. It will show UPDATING MAIN FIRMWARE state in TV Monitor, when it finish firmware upgrade that will display the below (Please waiting Updating firmware until show “Please turn TV off”)



Entered Service Mode. Please insert USB flash drive...
Updating main firmware... 100%.
Main firmware updated successfully.
Updating bootloader... 100%.
Bootloader updated successfully.
Update complete. Please turn TV off.

4. We can check it firmware version, please push buttons MENU>2>4>8>9 as soon as possible that we can check whether it upgrades success.



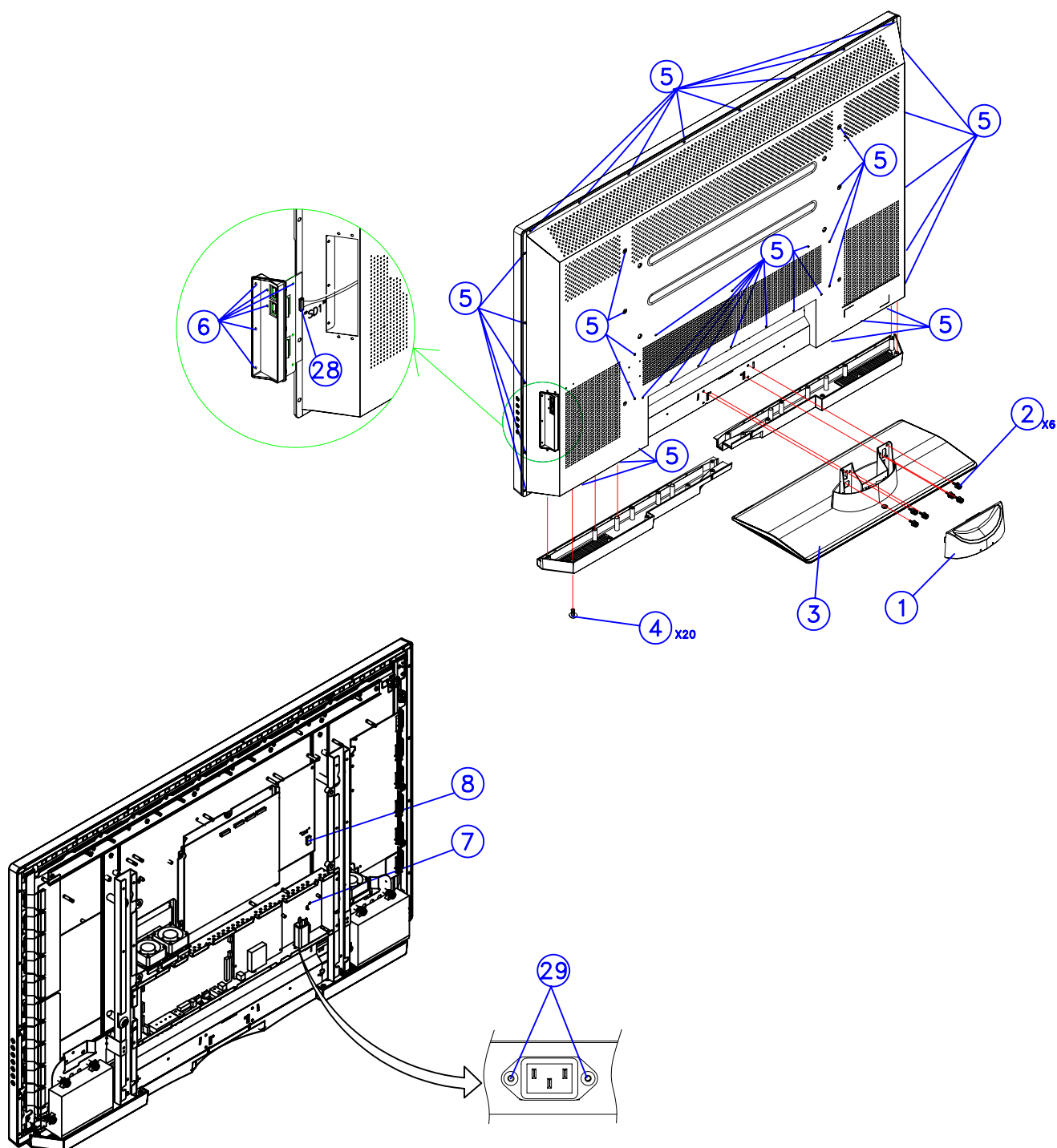
5. Then use remote control to do Factory Reset (Please see the below picture). We push "Yes" when TV finish "Factory Rest" that TV will auto shut off.



1. REAR COVER ASS'Y REMOVAL

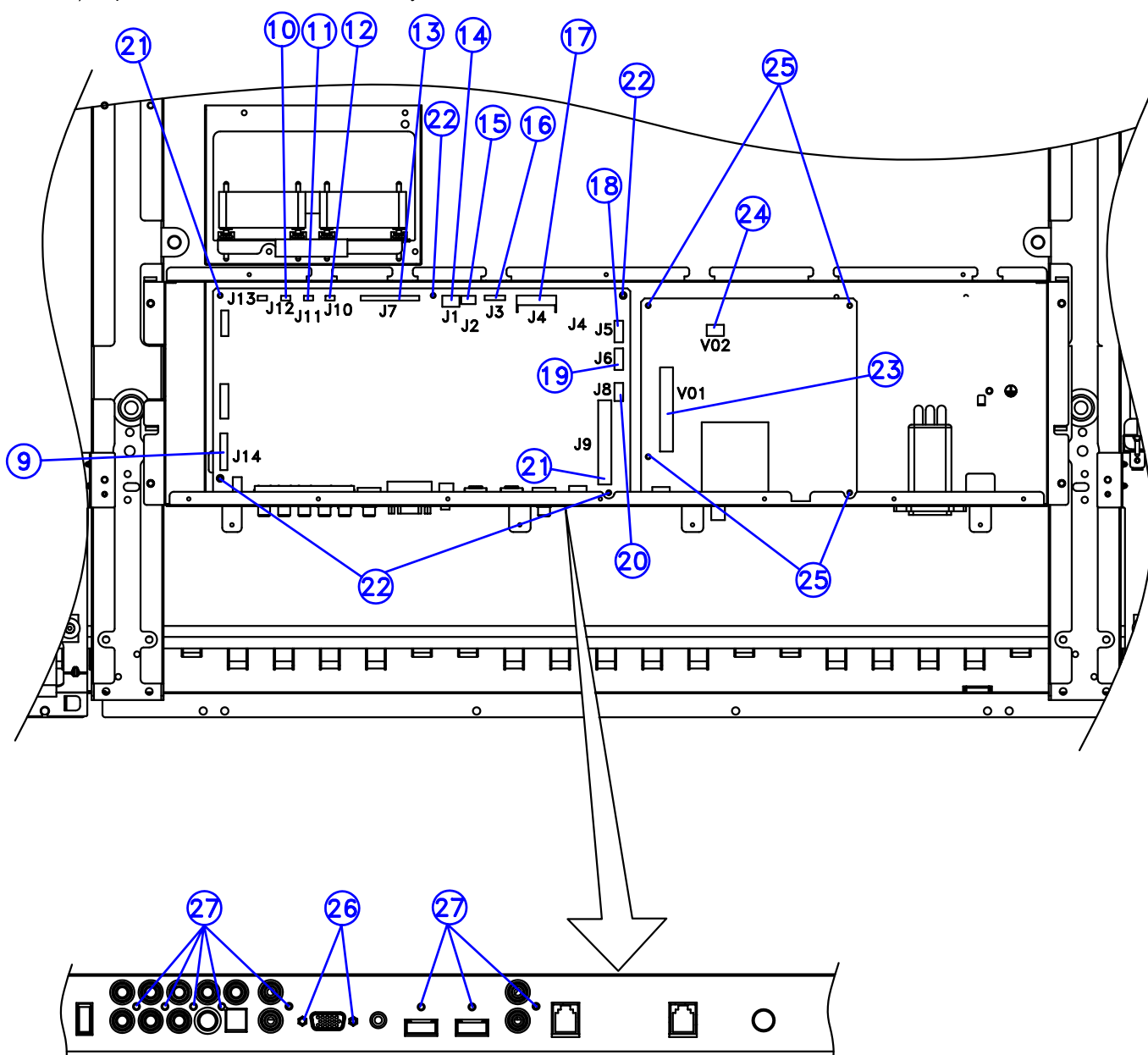
Note: Spread a mat underneath to avoid damaging the Plasma surface.

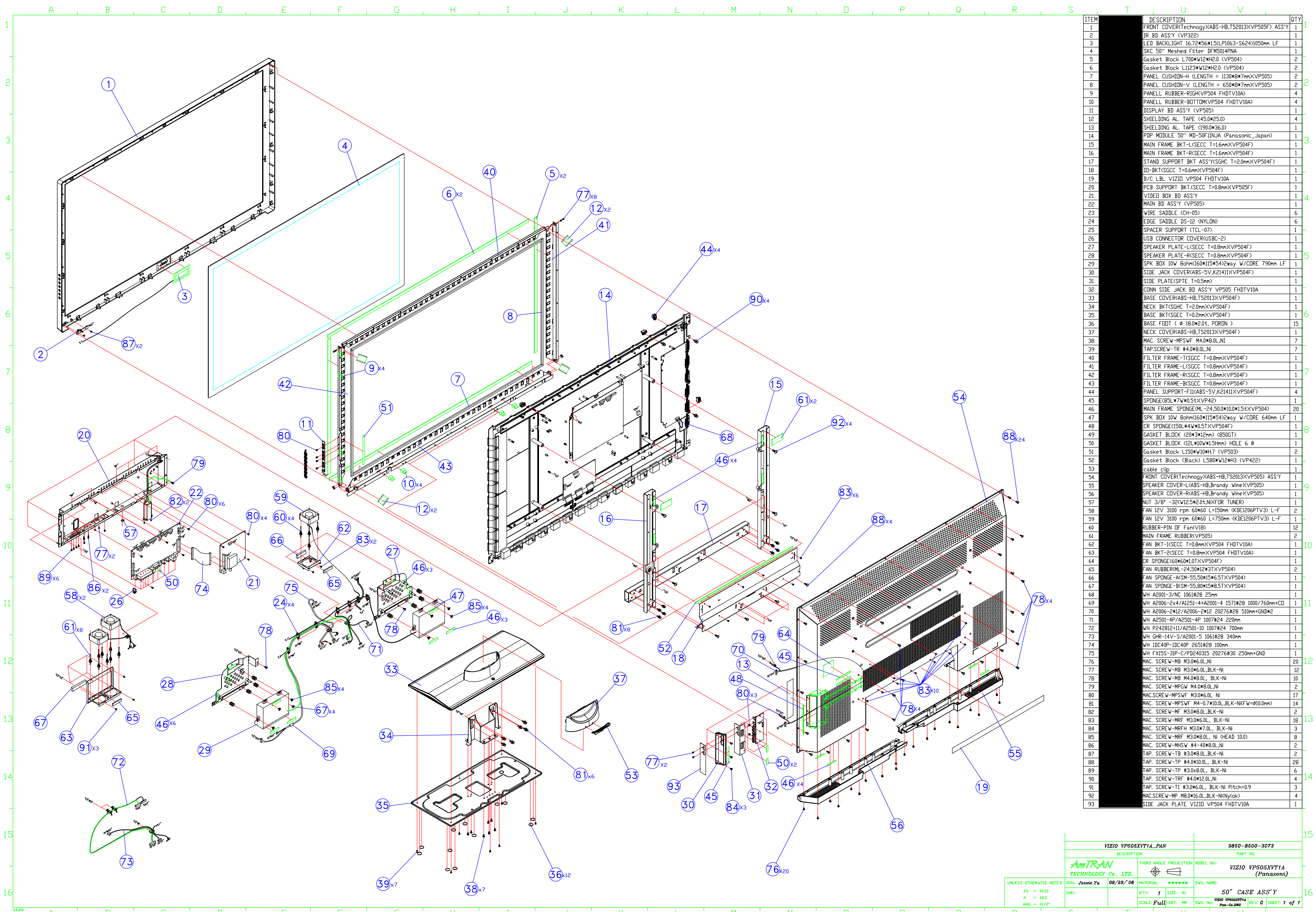
- 1) Separate the Neck cover ①.
- 2) Remove six screws ② from Base Ass'y.
- 3) Separate the Base Ass'y ③.
- 4) Remove twenty screws ④.
- 5) Remove forty-four screws ⑤ and five screws ⑥.
- 6) Remove the connector ②⑧ (J2) of the side jack cable.
- 7) Separate the rear cover.
- 8) Remove the connector ⑦ (CN1) of the ac_inlet cable.
- 9) Remove one screw ⑧ and two ②⑨ front pcb support bkt.
- 10) Separate the AC_inlet cable.



2. MAIN BD ASS'Y /VIDEO BOX BD ASS'YREMOVAL

- 1) Remove the connector ⑬ (J7) of the LVDS cable.
- 2) Remove the connector ⑬ (J3) of the keypad +IR cable.
- 3) Remove the connector ⑰ (J4) of the Power cable.
- 4) Remove the connector ⑭ (J1) of the LVDS cable 1.
- 5) Remove the connector ⑬ (J2) of the LED cable.
- 6) Remove the connector ⑰ (J5) ⑱ (J6) of the speaker cable.
- 7) Remove the connector ⑩ (J12) ⑪ (J11) ⑫ (J10) of the fan cable.
- 8) Remove the connector ⑳ (J8) of the video cable.
- 9) Remove the connector ㉑ (J9) of the FCC cable.
- 10) Remove the connector ⑨ (J14) of the side jack cable.
- 11) Remove the five screws ㉒.
- 12) Remove eight screws ㉑ and two hexagon ㉓ from PCB support .
- 13) Separate the Main BD Ass'y
- 14) Remove the connector ㉔ (VO1) of the FCC cable.
- 15) Remove the connector ㉕ (V02) of the VIDEO cable .
- 16) Remove the four screws ㉓.
- 17) Separate the VIDEO BOX BD Ass'y.





ITEM	DESCRIPTION	QTY
1	FRONT COVER(TechnogyXABS+HB,T52013XVP505F) ASS'Y	1
2	IR BD ASS'Y (VP322)	1
3	LED BACKLIGHT 16.72*56*1.5(LP1063-S624)1050mm LF	1
4	SKC 50" Meshed Filter DFM5014PNA	1
5	Gasket Block L700*W12*H2.0 (VP504)	2
6	Gasket Block L1123*W12*H2.0 (VP504)	2
7	PANEL CUSHION-H (LENGTH = 1130*8*7mmXVP505)	2
8	PANEL CUSHION-V (LENGTH = 650*8*7mmXVP505)	2
9	PANEL RUBBER-RIGH(VP504 FHDTV10A)	4
10	PANEL RUBBER-BOTTOM(VP504 FHDTV10A)	4
11	DISPLAY BD ASS'Y (VP505)	1
12	SHIELDING AL. TAPE (45.0*25.0)	4
13	SHIELDING AL. TAPE (190.0*36.0)	1
14	PDP MODULE 50" MD-50F11NJA (Panasonic_Japan)	1
15	MAIN FRAME BKT-L(SECC T=1.6mmXVP504F)	1
16	MAIN FRAME BKT-R(SECC T=1.6mmXVP504F)	1
17	STAND SUPPORT BKT ASS'Y(SGHC T=2.0mmXVP504F)	1
18	ID-BKT(SGCC T=0.6mmXVP504F)	1
19	B/C LBL VIZIO VP504 FHDTV10A	1
20	PCB SUPPORT BKT(SECC T=0.8mmXVP505F)	1
21	VIDEO BOX BD ASS'Y	1
22	MAIN BD ASS'Y (VP505)	1
23	WIRE SADDLE (CH-05)	6
24	EDGE SADDLE DS-12 (NYLON)	6
25	SPACER SUPPORT (TCL-07)	1
26	USB CONNECTOR COVER(USBC-2)	1
27	SPEAKER PLATE-L(SECC T=0.8mmXVP504F)	1
28	SPEAKER PLATE-R(SECC T=0.8mmXVP504F)	1
29	SPK BOX 10W 8ohm(160*115*54)2way W/CORE 790mm LF	1
30	SIDE JACK COVER(ABS-5V,K21411XVP504F)	1
31	SIDE PLATE(SPTE T=0.5mm)	1
32	CONN SIDE JACK BD ASS'Y VP505 FHDTV10A	1
33	BASE COVER(ABS+HB,T52013XVP504F)	1
34	NECK BKT(SGHC T=2.0mmXVP504F)	1
35	BASE BKT(SGCC T=0.2mmXVP504F)	1
36	BASE FOOT (Ø 18.0*2.0t, PORDN)	15
37	NECK COVER(ABS+HB,T52013XVP504F)	1
38	MAC. SCREW-MPSWF M4.0*8.0L,Ni	7
39	TAP.SCREW-TR #4.0*8.0L,Ni	7
40	FILTER FRAME-T(SGCC T=0.8mmXVP504F)	1
41	FILTER FRAME-L(SGCC T=0.8mmXVP504F)	1
42	FILTER FRAME-R(SGCC T=0.8mmXVP504F)	1
43	FILTER FRAME-B(SGCC T=0.8mmXVP504F)	1
44	PANEL SUPPORT-F1(ABS-5V,K21411XVP504F)	4
45	SPONGE(85L*7W*0.5tXVP42)	1
46	MAIN FRAME SPONGE(ML-24,50.0*10.0*1.5tXVP504)	20
47	SPK BOX 10W 8ohm(160*115*54)2way W/CORE 640mm LF	1
48	CR SPONGE(150L*4W*0.5tXVP504F)	1
49	GASKET BLOCK (20*3*12mm) (850GT)	1
50	GASKET BLOCK (12L*10W*1.5mm) HDLE 6 Ø	1
51	Gasket Block L150*W10*H1.7 (VP503)	2
52	Gasket Block (Black) L580*W12*H3 (VP422)	1
53	cabie clip	1
54	FRONT COVER(TechnogyXABS+HB,T52013XVP505) ASS'Y	1
55	SPEAKER COVER-L(ABS+HB,Brandy WineXVP505)	1
56	SPEAKER COVER-R(ABS+HB,Brandy WineXVP505)	1
57	NUT 3/8" -32(12.5*2.0t,NDFOR TUNER)	1
58	FAN 12V 3100 rpm 60*60 L=150mm (KDEI206PTV3) L-F	2
59	FAN 12V 3100 rpm 60*60 L=750mm (KDEI206PTV3) L-F	1
60	RUBBER-PIN OF Fan(V18)	12
61	MAIN FRAME RUBBER(VP505)	2
62	FAN BKT-1(SECC T=0.8mmXVP504 FHDTV10A)	1
63	FAN BKT-2(SECC T=0.8mmXVP504 FHDTV10A)	1
64	CR SPONGE(60*60*1.0tXVP504F)	1
65	FAN RUBBER(ML-24,50.0*12*1.5tXVP504)	2
66	FAN SPONGE-A(SM-55,50*15*6.5tXVP504)	1
67	FAN SPONGE-B(SM-55,80*15*8.5tXVP504)	1
68	WH A2001-3/NC 1061#28 25mm	1
69	WH A2006-2*4/A1251-4+A2001-4 1571#28 1000/760mm+CD	1
70	WH A2006-2*12/A2006-2*12 20276#28 510mm+GND*2	1
71	WH A2501-4P/A2501-4P 1007#24 220mm	1
72	WH P242812+11/A2501-10 1007#24 700mm	1
73	WH GHR-14V-S/A2001-5 1061#28 340mm	1
74	WH IDC40P-IDC40P 2651#28 100mm	1
75	WH FX15S-3IP-C/PD240315 20276#30 250mm+GND	1
76	MAC. SCREW-MB M3.0*6.0L,Ni	20
77	MAC. SCREW-MB M3.0*6.0L,BLK-Ni	12
78	MAC. SCREW-MB M4.0*8.0L, BLK-Ni	10
79	MAC. SCREW-MPGW M4.0*8.0L,Ni	2
80	MAC.SCREW-MPSWF M3.0*6.0L Ni	17
81	MAC. SCREW-MPSWF M4-0.7*10.0L,BLK-Ni(FW=Ø10.0mm)	14
82	MAC. SCREW-MF M3.0*8.0L,BLK-Ni	2
83	MAC. SCREW-MRF M3.0*6.0L, BLK-Ni	18
84	MAC. SCREW-MRFH M3.0*7.0L, BLK-Ni	3
85	MAC. SCREW-MRF M3.0*8.0L, Ni (HEAD 10.0)	8
86	MAC. SCREW-MHSW #4-40*8.0L,Ni	2
87	TAP. SCREW-TB #3.0*8.0L,BLK-Ni	2
88	TAP. SCREW-TP #4.0*10.0L, BLK-Ni	28
89	TAP. SCREW-TP #3.0*8.0L, BLK-Ni	6
90	TAP. SCREW-TRF #4.0*12.0L,Ni	4
91	TAP. SCREW-TI #3.0*6.0L, BLK-Ni Pitch=0.9	3
92	MAC.SCREW-MP M8.0*16.0L,BLK-Ni(Nylok)	4
93	SIDE JACK PLATE VIZIO VP504 FHDTV10A	1

UNLESS OTHERWISE NOTED

XX = ±0.10
X = ±0.2
ANG. = ±1/2°

ISSN: Jessie.Yu 08/29/08

CHK:

DESCRIPTION

THIRD ANGLE PROJECTION

QTY: 1 SIZE: A1

SCALE: Full UNIT: MM

MODEL No: VIZIO VP505XYT1A (Panasonic)

DWG. NAME: 50" CASE ASS'Y

DWG. No: VIZIO VP505XYT1A Pan-CA.DWG

REV: 0 SHEET: 1 of 1